

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Roger Boen et al. CONFIRMATION NO.: 1948  
SERIAL NO.: 10/517,968  
FILING DATE: December 13, 2004  
TITLE: Electromagnetic Device For Fusion And Interfacial Agitation Of Diphase  
Systems, Particularly For The Acceleration Of Metallurgic Or  
Pyrochemical Processes  
EXAMINER: Kerns, Kevin P.  
ART UNIT: 1793

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action mailed January 6, 2010, Applicants submit the following responses.

**Remarks** begin on page 5.